



03-21-06

JFW

00232559975

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 24

Application Number 10/821,424

Filing Date April 9, 2004

First Named Inventor Brian J. Pangrle

Art Unit 2837

Examiner Name J. Donels

Attorney Docket Number BJP-001US

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Please see Remarks section for list of all enclosures.
<b>Remarks</b> 1. Fee Trans. for Issue/Publication Fees (PTOL-85) (1 p); 2. Request for Substitute Figure for Cover of Patent upon Issuance (3 p); 3. Suppl. IDS for PCT ISR/WO (5 p) and Remarks (3 p); 4. PCT ISR/WO of ISA (10 p); 5. Fee Trans. (PTO/SB/17) (1 p); 6. Checks for \$1,000 and \$180 (IDS).		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name			
Signature			
Printed name	Brian J. Pangrle		
Date	2006-20-03	Reg. No.	42,973

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Brian J. Pangrle	Date	3-20-06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



0232559975

PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

### Complete if Known

Application Number	10/821,424
Filing Date	April 9, 2004
First Named Inventor	Brian J. Pangrle
Examiner Name	J. Donels
Art Unit	2837
Attorney Docket No.	BJP-001US

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ - 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ - 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)

Other (e.g., late filing surcharge): IDS (1.97(d)) \$180 and Issue and Publication Fees \$1,000 \$1,180

#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42,973	Telephone 509-324-9256x231
Name (Print/Type)	Brian J. Pangrle	Date 2006-20-03	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EU 232559975



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/821,424  
Filing Date ..... April 9, 2004  
Priority Date ..... April 12, 2003  
5 Inventorship ..... Pangrle  
Group Art Unit..... 2837  
Examiner ..... J. Donels  
Attorney's Docket No. .... BJP-001US  
Title: Virtual Instrument

10

PAYMENT OF ISSUE AND PUBLICATION FEES  
TO NOTICE OF ALLOWANCE OF JANUARY 26, 2006 AND  
REQUEST FOR SUBSTITUTE COVER PAGE DRAWING

15

SUBMITTED CONCURRENTLY WITH  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97(d) (w/FORM PTO/SB/08a)

20

To: Mail Stop: ISSUE FEE  
Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

25

From: Brian J. Pangrle  
1312 South Maple Street  
Spokane, WA 99204

03/22/2006 EAYALEW1 00000001 10821424

01 FC:1806

180.00 OP

REMARKS

Payment of Fees

Please find the issue and publication fees enclosed in response to the Notice of Allowance of January 26, 2006. A fee is also enclosed, by separate  
5 check, for the supplemental IDS.

Request for Substitute Cover Page Drawing

Applicant respectfully requests that Figure 16 be published on the front page of the patent. This is a change from the published application. Applicant  
10 has attached hereto a copy of Figure 16, alone on a single page.

Supplemental IDS


Submitted concurrently herewith is a supplemental IDS under 37 CFR 1.97(d), which lists an International Search Report and Written Opinion from  
15 International Search Authority of US under the Patent Cooperation Treaty for corresponding PCT application (PCT/US2004/011143), mailed March 15, 2006.

Conclusion

Claims 1-20 are believed to be in condition for allowance. Applicant  
20 respectfully requests prompt issuance of the present application. Should any issue remain that prevents immediate issuance of the application, the Examiner is encouraged to contact the undersigned attorney to discuss the unresolved issue.

25 Respectfully Submitted,  
Brian Pangre  
1312 South Maple Street  
Spokane, WA 99204

30 Dated: 3-20-06

  
\_\_\_\_\_  
Name: Brian J. Pangre  
Reg. No. 42,973  
Phone No. (509) 324-9256 ext. 231